

Converting Colors

YUV(107.5380, 64.8108,
25.8382)

Have a look what the booklet for
YUV(107.5380, 64.8108, 25.8382)
contains.

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Color

**YUV(107.5380, 64.8108,
25.8382)**

Conversions

Conversions Part 1

Format	Color
Hex	8943EF
RGB	137, 67, 239
RGB Percent	54%, 26%, 94%
CMY	0.4627, 0.7373, 0.0627
CMYK	0.43, 0.72, 0.00, 0.06
HSL	264°, 84%, 60%
HSV	264°, 72%, 94%
XYZ	27.9037, 15.5647, 83.1950
YIQ	107.5380, -13.4920, 68.3320

Conversions

Conversions Part 2

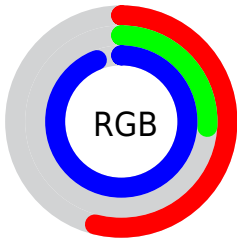
Format	Color
R _Y B	137, 67, 239
Decimal	8995823
CIE Lab	46.40, 63.35, -75.26
CIE LCh	46, 98.375, 310.091
Yxy	15.5647, 0.2203, 0.1229
Android (android.graphics.Color)	4287185903 (0xFF8943EF)
YUV	107.5380, 64.8108, 25.8382
Hunter-Lab	39.4521, 57.2083, -97.4119

Details

The YUV color **107.5380, 64.8108, 25.8382** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **198.4620, -64.8108, -25.8382**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.0000, 47.3280, 33.3260**, and **43.7600, 68.1523, 27.3975** is the 20% darker color. If you saturate the color by 10%, you get **89.2640, 73.8198, 29.5865**, and if you desaturate by 10%, it is **125.8120, 55.8017, 22.0899**.

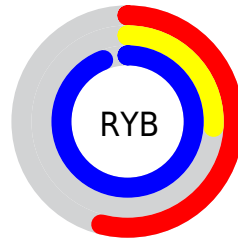
Distribution



Red (54%)

Green (26%)

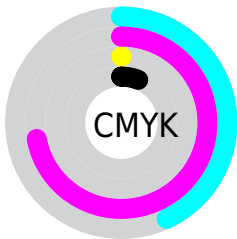
Blue (94%)



Red (54%)

Yellow (26%)

Blue (94%)

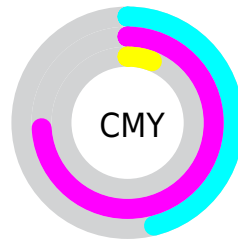


Cyan (43%)

Magenta (72%)

Yellow (0%)

Black (6%)



Cyan (46%)

Magenta (74%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.5380, 64.8108, 25.8382 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 107.5380, 64.8108, 25.8382 by changing the saturation by 10% instead.

107.5380, 64.8108,
25.8382

107.5380, 64.8108,
25.8382

255.0000, 0.0000,
0.0000

78.8260, 64.6688,
24.7086

159.0000, 47.3280,
33.3260

43.7600, 68.1523,
27.3975

183.8190, 35.0922,
37.8697

28.9180, 61.6654,
7.9649

208.6270, 22.8619,
40.6691

14.4780, 55.4733,
-12.6972

225.0630, 14.7589,
26.2547

11.5140, 44.1166,
-10.0978

242.0860, 6.3666,
11.3256

12.1860, 31.4603,
-10.6871

8.2760, 21.5559,

-7.2581

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 107.5380, 64.8108,
25.8382

■ 107.5380, 64.8108,
25.8382

■ 89.2640, 73.8198,
29.5865

■ 125.8120, 55.8017,
22.0899

■ 70.9900, 82.8289,
33.3348

■ 144.0860, 46.7926,
18.3416

■ 56.2490, 90.0962,
35.7386

■ 162.6590, 37.6361,
15.2081

■ 180.9330, 28.6270,
11.4598

■ 198.6200, 19.9073,
8.2263

■ 216.8940, 10.8983,
4.4780

■ 235.1680, 1.8892,
0.7297

■ 251.6810, -6.2517,
-1.4742

■ 253.1760, -6.9888,
1.5996

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.9880, 78.3929, -84.1815



107.5380, 64.8108, 25.8382



85.5300, 40.6577, 119.6842

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



107.5380, 64.8108, 25.8382



102.5300, -50.5473, 66.1872



98.3850, 19.0372, -86.2836

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



107.5380, 64.8108, 25.8382



198.4620, -64.8108, -25.8382

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.4780, -18.9697, -75.8412



107.5380, 64.8108, 25.8382



100.6830, -49.6367, 7.2940

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



107.5380, 64.8108, 25.8382



67.5740, -33.3140, 138.9396



76.8970, -37.9102, -67.4387



107.3910, 53.5442, -94.1819

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



107.5380, 64.8108, 25.8382



85.6530, 13.9751, 137.9933



76.8970, -37.9102, -67.4387



94.4920, 6.6594, -82.8695

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



107.5380, 64.8108, 25.8382



212.2610, 21.0703, 8.5411



147.0690, 45.3220, -70.2205



102.0620, 12.7874, 5.2076



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



107.5380, 64.8108, 25.8382



87.5770, 82.5395, 32.8200



132.9530, 52.2812, 78.0942



110.8630, 4.5045, 1.8741



43.4010, 69.3153, 27.7123



13.2610, 21.0703, 8.5411

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



130.0560, 19.1994, 95.5439



116.3010, 24.5016, 121.6390



173.0470, -52.2812, -78.0942



112.3860, 1.2887, 6.6775



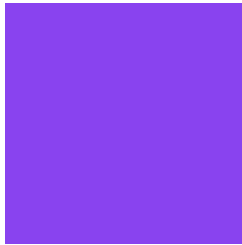
67.4420, 20.4881, 102.2214



20.5060, 6.1595, 31.1282

Previews

White Background



This preview shows how the YUV color 107.5380, 64.8108, 25.8382 looks on a white background.

Color Contrast Check

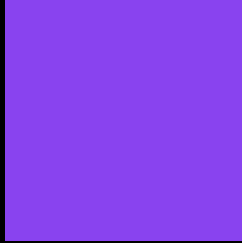
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 107.5380, 64.8108, 25.8382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

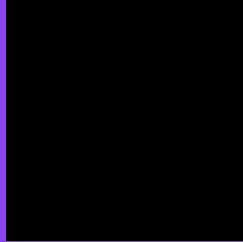
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 107.5380, 64.8108, 25.8382

Background



This preview shows how black text looks on a background with the YUV color 107.5380, 64.8108, 25.8382.



This preview shows how white text looks on a background with the YUV color 107.5380, 64.8108,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

107.5380, 64.8108, 25.8382

Protanopia

87.7580, 67.1673, -76.9638

Deuteranopia

88.4470, 52.0376, -77.5680



Tritanopia

110.0260, 3.9312, -0.8998

Trichromacy



Original Color

107.5380, 64.8108, 25.8382

Protanomaly

95.0600, 66.0324, -39.5176

Deuteranomaly

95.2420, 56.5757, -39.6772

Tritanomaly

109.2270, 26.0171, 8.5709

Monochromacy



Original Color

107.5380, 64.8108, 25.8382

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.9560, 23.6857, 9.6856

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.5380, 64.8108, 25.8382 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(137, 67, 239)` looks like.

```
.text, #text, p{  
    color:rgb(137, 67, 239)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(137, 67, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 67, 239) }
```

Border

The CSS property to change the border of an element to YUV 107.5380, 64.8108, 25.8382 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 67, 239) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(137, 67, 239) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(137, 67, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 67, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 67, 239);  
box-shadow:4px 4px 4px 4px rgb(137, 67,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 107.5380, 64.8108, 25.8382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 67, 239) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(137, 67,  
239) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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